

WHAT IS CLAIMED IS:

1. A method for processing a call connection at a calling end in a telecommunication network having a call forwarding service, said method comprising the steps of:

instructing, at said calling end, whether to establishing a call connection when an originating call is routed to a new number through said call forwarding service;

determining whether a message indicating that said originating call from said calling end is routed to said new number; and

selectively establishing said call connection to said new number if said calling end is instructed to establish said call connection through said call forwarding service.

2. The method of claim 1, wherein said message is a facility message transmitted from said network to said calling end.

3. A method for processing a call connection at a receiving end in a telecommunication network having a call forwarding service, said method comprising the steps of:

instructing, at said receiving end, whether to accept a call connection when an incoming call is transmitted from said call forwarding service;

upon receiving said incoming call at said receiving end, determining whether said incoming call is a forwarded call via said call forwarding service; and

selectively accepting said incoming call if said receiving end is instructed to accept said incoming call processed through said call forwarding service.

4. The method of claim 3, wherein said step of determining whether said incoming call is said forwarded call is determined based on a message transmitted from said network.

5. A method for establishing a call connection between a calling terminal and a receiving terminal in a telecommunication network having a call forwarding service, comprising the steps of

pre-programming each terminal of said network to accept or refuse said call connection performed through said call forwarding service;

determining whether to establish said call connection when said calling terminal originates a call to said receiving terminal through said call forwarding service; and

establishing said call connection between said calling terminal and said receiving terminal if said calling terminal is pre-programmed to establish said call connection through said call forwarding service.

6. The method of claim 5, further comprising the steps of:

notifying said calling terminal if said call originated from said calling terminal is routed to a new number through said call forwarding service, and

selectively establishing said call connection by said calling terminal.

7. The method of claim 6, wherein said call connection is selectively established to said calling terminal upon receiving a voice command or the activation of a key pad of said calling terminal.

5 8. A method for establishing a call connection between an originating terminal and a receiving terminal in a telecommunication network having a call forwarding service, comprising the steps of:

pre-programming each terminal of said network to accept or refuse a call connection performed through said call forwarding service;

10 determining whether to establish said call connection when said receiving terminal receives a call from said originating terminal through said call forwarding service; and

establishing said call connection between said originating terminal and said receiving terminal if said receiving terminal is pre-programmed to establish said call connection through said call forwarding service.

15 9. The method of claim 8, further comprising the steps of:
notifying said receiving terminal if said call from said originating terminal is transmitted from said call forwarding service, and
selectively establishing said call connection by said receiving terminal.

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10. The method of claim 9, wherein said call connection is selectively established to said receiving terminal in response to the activation of a key pad of said calling terminal or upon receiving a voice command.

5 11. A method for establishing a call connection in a telecommunication network equipped with a call forwarding service, comprising the steps of:

determining whether an originating call from a calling subscriber to an intended subscriber is routed to a terminating subscriber through said call forwarding service;

determining whether said calling subscriber and said terminating subscriber are pre-programmed to establish said call connection when said originating call is routed to said terminating subscriber through said call forwarding service; and

selectively establishing said call connection if said calling subscriber and said terminating subscriber are pre-programmed for said call connection when said originating call is routed to said terminating subscriber through said call forwarding service.

12. The method of claim 11, wherein said call connection is not established if said calling subscriber and said terminating subscriber are not pre-programmed for said call connection through said call forwarding service.

20 13. The method of claim 11, further comprising the steps of:
notifying said calling subscriber and said terminating subscriber when said originating call is routed to said terminating subscriber through said call forwarding service, and

